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May 19, 2003

# VIA FACSIMILE (16 total pages)

To: I

Examiner Krystyna Suchecki

Group Art Unit No. 2882

U.S.P.T.O.

Facsimile No.: (703) 872-9318

Before Final FAX

From: Kendal M. Sheets, Sean M. McGinn

Facsimile No.: (703) 761-2375

Re:

§1.111 Amendment

Application No.: 09/626,946

Our Ref: HIR.039

(19 00

Dear Examiner Suchecki:

Please find enclosed is an Amendment for the above-listed Application, which should place the above-referenced case in condition for allowance.

Thank you in advance for your consideration on this case.

RECEIVED

MAY 2 7 2003

Very truly yours,

**GROUP 3600** 

Kendal M. Sheets, Reg. No. 47,077

Sean M. McGinn, Reg. No. 34,386

FAX RECEIVED

MAY 1 9 2003

TECHNOLOGY CENTER 2800

KMS/SMM/kw Enclosure

# 12A 6/13/03 1002 Arm

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Toru HOSOI

Serial No.: 09/892,500

Group Art Unit: 2882

Filed: June 28, 2001

Examiner: Suchecki, Krystyna

Atty. Docket No. PNDF-01095

For:

ARRAYED WAVEGUIDE GRATING AND OPTICAL COMMUNICATION

SYSTEM USING ARRAYED WAVEGUIDE GRATING

Honorable Assistant Commissioner of Patents Washington, D.C. 20231

#### **AMENDMENT UNDER 37 C.F.R. 1.111**

Sir:

In response to the Office Action dated February 18, 2003, please amend the aboveidentified application as follows:

#### IN THE CLAIMS:

Please cancel claims 2, 3, and 5-9 without prejudice or disclaimer.

Please amend the claims, as follows:

- 1. (Amended) An arrayed waveguide grating, comprising:
  - a substrate;
  - a first channel waveguide disposed on the substrate:
- a parabolized channel waveguide array disposed on said substrate and constituted such that each length of parabolized waveguides in the parabolized channel waveguide array is sequentially longer with a predetermined difference between the lengths of the waveguides;

